

ECS Configuration Change Request

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Page(s)

1. Originator Robert Cole	2. Log Date: 08/28/03	3. CCR #: 03-0598	4. Rev: —	5. Tel: 301.925.0799	6. Rm #: 3109F	7. Dept. SE/HW
8. CCR Title: Configure p0spg01 for StorNext pilot testing						
9. Originator Signature/Date Robert Cole /s/ 08/28/03			10. Class IN	11. Type: CCR	12. Need Date: 9/19/03	
13. Office Manager Signature/Date Randy Haynes /s/ 08/28/03			14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): none - this change is temporary for testing purposes			17. Schedule Impact:		18. CI(s) Affected: SPRHW	
19. Release Affected by this Change: N/A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) p0spg01 is planned to be a client machine during the StorNext filesystem pilot testing which will occur during fall 2003. This host requires additional fibre channel host bus adapters to provide connectivity to the pilot SAN. This host also requires the configuration of one of its available fast ethernet interfaces for connection to the pilot private network. In addition, this host requires a mount to a disk device on the SAN testbed which contains the test file set as well as the installation of the StorNext software.						
24. Proposed Solution: (use additional sheets if necessary) 1. Install 2 Qlogic 2342 HBAs from stock. 2. Configure interface ef1 or ef2 as 192.168.154.6/24 with an associated hostname of p0spg01p 3. Mount volume 6, LUN 5 on the SAN testbed 9176 storage array as local filesystem /sn_pilot_test_files 4. Install StorNext software on p0spg01						
25. Alternate Solution: (use additional sheets if necessary) Identify an alternative host						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) The StorNext pilot testing will lack an SGI client with adequate processing capacity to sustain target loads.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Byron V. Peters /s/ 09/03/03			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			